



October 2, 2014

IPEX USA LLC.
CATHERINE BOURASSA
3 PLACE DU COMMERCE STE. 101
ILE-DES-SOEVRS, VERDUN, QC H3E 1H7
CANADA

Re: Description: PIPES AND FITTINGS, CPVC
Manufacturer: IPEX USA LLC.
Product Name: IPEX CPVC PIPE AND FITTINGS
Model Number(s): SCHEDULE 80 PIPE (ASTM F 441 / F 441M) AND FITTINGS (ASTM F 437 OR F 439) IN
3", 4", 6", 8", 10" and 12" SIZE.
Product File No: 20140288

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. SPS 384.30 (4) (e) 1 based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of October 2019.

This approval supersedes the approval issued on August 24, 2006 under product file number 20060316.

This alternate approval is contingent upon compliance with the following stipulation(s):

- Piping shall be labeled at intervals of not more than 5 feet with nominal pipe size, type of pipe material, Schedule 80, pressure rating in psi at 73° F., ASTM F 441 and/or F 441M, the manufacturer's name or trade mark, the mark of the certifying agency for use with potable water.
- The fittings that conform to ASTM F 439 shall be labeled with manufacturer's name or trade mark, material designation CPVC for CPVC 23447 and CPVC 42 for CPVC 23448, the seal or mark of the laboratory making the evaluation for potable water contact, size, and this designation "F 439," with which the fitting complies.

Where the size of the fitting does not allow complete marking, omit identification marking in the following sequence: size, material designation, F 439, and the manufacturer's name or trademark.

- The fittings that conform to ASTM F 437 shall be labeled with manufacturer's name or trade mark, material designation CPVC for CPVC 23447, the seal or mark of the laboratory making the evaluation for potable water contact, size, and this designation "F 437," with which the fitting complies.

Where the size of the fitting does not allow complete marking, omit identification marking in the following sequence: size, material designation, F 437, and the manufacturer's name or trademark.

- This product may be installed for the following water use(s):
 - a. Cold water distribution piping Aboveground
 - b. Cold water distribution piping Underground

- Pipe sizing for this product must comply with then the following table:

Maximum Allowable Loads for Iplex Inc. Corzan Schedule 80 CPVC Pipe (c = 150)																		
Pressure Loss Due to Friction (psig/100 ft.)	Pipe Diameter (inches)																	
	3			4			6			8			10			12		
	GPM	FM	FT	GPM	FM	FT	GPM	FM	FT	GPM	FM	FT	GPM	FM	FT	GPM	FM	FT
0.25	40	30	86	84	165	295	247	1315	1315	519	3935	3935	943	*	*	1489	*	*
0.50	58	70	225	122	375	485	359	2352	2352	754	*	*	1371	*	*	2165	*	*
0.75	72	126	240	151	560	646	447	3161	3161	939	*	*	1706	*	*	NP	-	-
1.00	84	165	295	177	754	794	522	3966	3966	1096	*	*	NP	-	-	NP	-	-
1.25	95	217	350	199	918	931	589	4941	4941	NP	-	-	NP	-	-	NP	-	-
1.50	105	272	400	220	1094	1094	NP	-	-	NP	-	-	NP	-	-	NP	-	-
1.75	114	325	445	239	*	*	NP	-	-	NP	-	-	NP	-	-	NP	-	-
2.00	123	381	490	257	*	*	NP	-	-	NP	-	-	NP	-	-	NP	-	-
2.25	131	431	533	274	*	*	NP	-	-	NP	-	-	NP	-	-	NP	-	-
2.50	138	475	572	NP	-	-	NP	-	-	NP	-	-	NP	-	-	NP	-	-
2.75	146	527	617	NP	-	-	NP	-	-	NP	-	-	NP	-	-	NP	-	-
3.00	153	572	655	NP	-	-	NP	-	-	NP	-	-	NP	-	-	NP	-	-
3.25	NP	-	-	NP	-	-	NP	-	-	NP	-	-	NP	-	-	NP	-	-

* = water supply fixture unit (i.e. WSFU) values must be determined via calculation

FM = predominantly flushometer water closets and/or siphon jet urinals

FT = predominantly flush tank water closets and/or wash down urinals

NP = not permitted

GPM = gallons per minute

c = Hazen-Williams coefficient of friction

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
Environmental Engineer - Plumbing Product Reviewer
Dept of Safety and Professional Services
Division of Industry Services
Bureau of Technical Services
(608) 267-1401 Phone
(608) 267-9723 Fax
glen.schlueter@wi.gov E-mail